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(54) INK COMPOSITION FOR USE IN INK JET

(57) Abstract:

PURPOSE: To obtain an ink compsn. for use in ink jet, which has excellent stability, drying resistance and re-dischargeability and hardly runs in colored parts, by blending an emulsion of a specified oily material with an ink mainly composed of water.

CONSTITUTION: An ink compsn. is obtd. by blending 3W40wt% oily material insoluble in water and a

coloring dye and having a b.p. of 170°C the form of an emulsion with an ink mainly of water. Examples of the dye are water-soluble dyes, such as acid dyes, direct dyes, cationic dyes, etc., and water-insoluble dyes such as vat dyes, pigments, etc. When a water-soluble dye is used, the effect of the compsn. is remarkable. When a low-boiling oily material having a b.p. of lower than 170°C is used, its drying rate is fast, hence good resistance and re-dischargeability can be obtd.

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